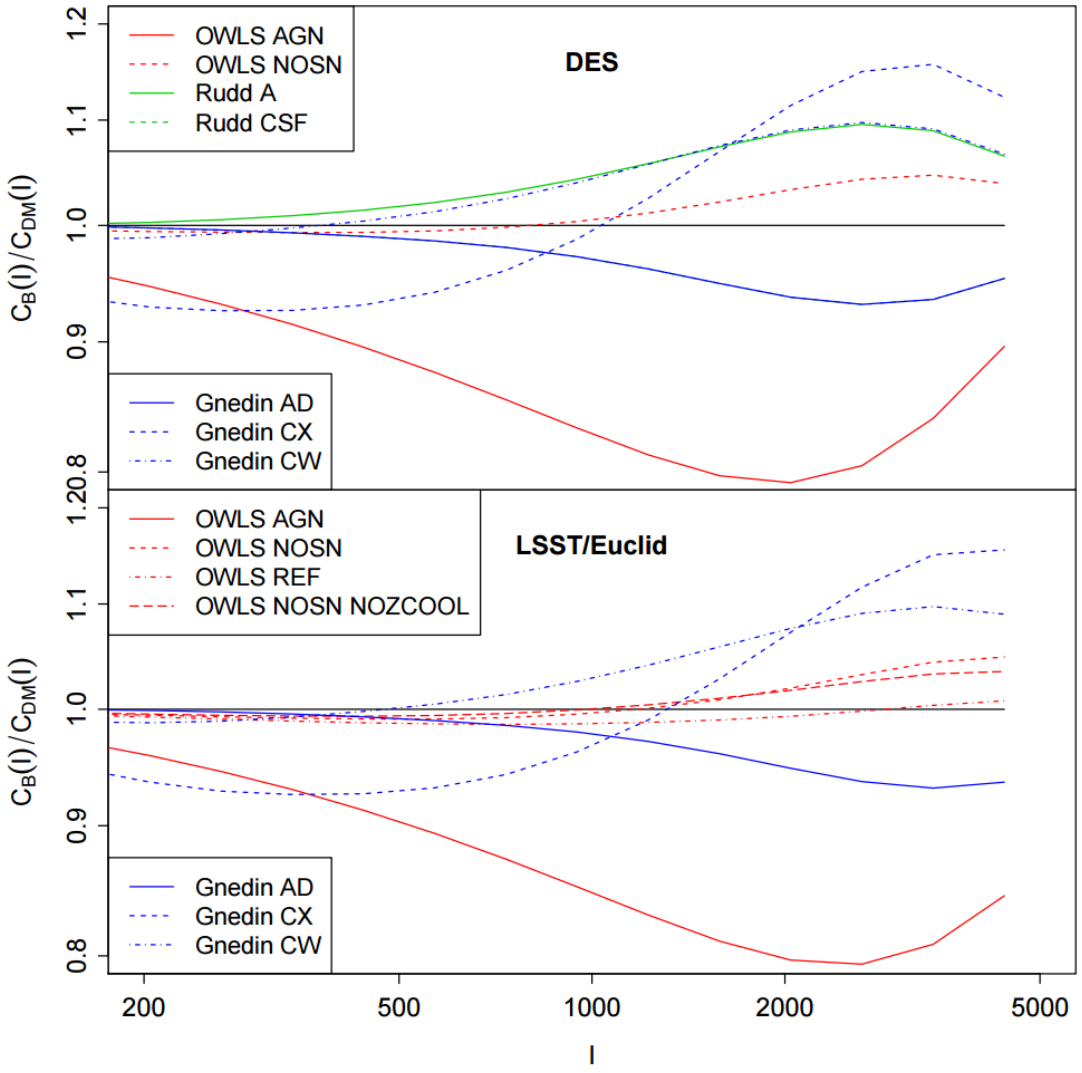
Disclaimer

- Everything I say may or may not reflect my actual beliefs. You may or may not hold me to anything I say. <lots of legalese here>

Optical WL???

- On large scales, are the galaxy/shear cross correlations a superior technique to shear-shear auto-correlations?
  - Systematics in data sets correlate in auto-correlations, generically suppressed in cross-correlations.
  - Intrinsic alignments only due to photometric redshift errors
  - Errors in shear systematics are suppressed…
- What lmax do we think we can work to?
  - Constraining power scales as lmax^2
  - Baryonic effects can be "large" (compared to statistical errors)
  - If we know the signal, we can remove these, but if we don't – can have large biases (Eifler et al 2015)
- Photo-z redshift distributions
  - Are we going to be able to constrain these?
  - Does Euclid need LSST? Does LSST need WFIRST?
  - Cross-correlation techniques seem very promising…
- Scaling from 10^2 to 10^4 square degrees
  - Shape measurement biases
  - Do the measurement techniques scale?
  - How does the systematic floors compare to what we need?
- Space vs Ground



Eifler et al, 2015